

**HAFFKINE BIO PHARMACEUTICAL CORPORATION LIMITED****Procurement Cell****(A Government of Maharashtra Undertaking)****Regd. Office : Acharya Donde Marg, Parel, Mumbai 400 012 (INDIA)****Phone No: 022- 24129320-23****Managing Director :022-24150628****General Manager (Procurement Cell) :022-24100478****Website : http://www.vaccinehaffkine.com****E-mail: procurementcell@vaccinehaffkine.com****No.: 3850 /Haffkine /Procurement Cell/E-2230/High end Echo Machine/2019-20****Date: -12/08/2020****To,**

M/s. Philips India Limited

Expeditors International,

C/o, No. 2/1, Thirumalashetty Halli,

Soukya Road, Near Police Station,

Samethanahalli Post,

Bengaluru (Bangalore) - 560067

E-Mail: ratna.singhwal@philip.com**Subject :** Supply Order for Tender No. E-2230/High end Echo Machine**Reference:** 1. Tender No. E-2230/HBPCL/PC/ High end Echo Machine/2019-20

2. Sanction of Tender Approval Committee Meeting Dated 07.08.2020

With reference to the tender cited under reference no 1, you are requested to supply the following goods as per details mentioned below to consignee list enclosed with this order.

Sr. No.	Name of the item	Specification of item	Quantity/Unit (DMER)	Unit Rate inclusive of GST(Rs.)	Total Amount Rs.
1	High end Echo Machine Model : Epiq CVX	As per Annexure X	01	1,41,62,800/-	1,41,62,800/-

Total amount in words: Rupees One Crore Forty One Lakh Sixty Two Thousand Eight Hundred Only.**Factory Location :** USA/Europe/APAC

- Forwarding:** Forwarding Free on Road Destination. I.e. door delivery basis.
- Delivery Period:** 12 weeks from the date of receipt of order by the supplier to the consignee attached.
- Pre-Dispatch Inspection:** Supplier shall make necessary arrangement / facilitate to carry out Pre-Dispatch inspection as per Tender Terms & condition and submit the Inspection report to this office. The Pre-Dispatch inspection cost will be borne by supplier. Machine should be dispatched only after satisfactory Pre-Dispatch Inspection.

- 4 **Risk purchase clause:** If the bidder fails to supply the stores within the stipulated delivery period, the order will stand cancelled. Undersigned shall be entitled to purchase such stores from any other source at such price which ordinarily should not be more than 10% of the tender price. The extra expenditure in such cases shall be recovered by Managing Director, Haffkine Bio Pharmaceutical Corporation Ltd. (Procurement Cell), Mumbai from the Supplier.
- 5 **Payment Terms:** Payment of 100% of the contract value will be made within 8 weeks on delivery and successful Installation and satisfactory commissioning and operation of the machinery.
- 6 **Labelling:** The word "**For use of GOVERNMENT OF MAHARASHTRA NOT FOR SALE**" should be printed on each unit pack in readable Purple or Green Colours.
- 7 **Acceptance & Receipt:** It should be submitted in Appropriate Format to the purchasing authority.
- 8 **Delivery Challan** - Should be sent in the name of consignee in duplicate. It should specify Name of Equipment / Mfg. by / packing & quantity.
- 9 **Invoice Copy** - Should be sent in triplicate on the Name of Managing Director, Haffkine Bio Pharmaceutical Corporation Ltd.(Procurement Cell), Mumbai. Along with Bill of Entry and Country of Origin Certificate of the consignment.
- 10 **Other Terms :**
- 1) Warranty: The warranty period shall be for 2 years from the date of commissioning of all equipment supplied as certified by the consignee. After completion of 2 years warranty period Manufacturer/Supplier should give commitment to ensure services and supply of spare part for further 8 years. The successful tenderer must ensure 95% uptime during warranty period. In case of downtime, warranty period will be extended for period of downtime. If the equipment is not attended within 24 hours for Mumbai and 48 hours for other places the supplier will be liable to pay a penalty of 0.07% of purchase cost for every day of delay. Such penalty will be recovered from the amount of security deposit. Certificate of such uptime / downtime issued by the end user will be binding for the supplier Replacement of spares parts thereof due to manufacturing defects during warranty period will be entirely at the supplier's cost.
- 2) The user institution will enter to the Comprehensive Main tenance Contract with supplier agency @ 5% of the Order value (excluding taxes) of the equipment per year for 8 years after completion of warranty period. In case of non-compliance of CMC the supplier will be liable to pay penalty or for appropriate action. Payment of CMC on yearly basis will be made by the user's institution, at the end of the year after satisfactory performance report from the end user.
- 11 **Contract Agreement:** Bidder should submit a tripartite (Importer, Manufacturer and Haffkine Bio Pharmaceutical Corporation Ltd.) Contract Agreement on non-judicial stamp paper of requisite value.
- Fall Clause**
- It is a condition of the contract that all through the currency thereof, the price at which you will the supply stores should not exceed the lowest price charged by you to any customer during the currency of the contract and that in the event of the prices going down below the rate contract prices you shall promptly furnish such information to us to enable to amend the contract rates for subsequent supplies.
- 12 The Bidder should submit (within 7 days) amount of 1.5% ie. **Rs. 2,12,442/-** of order value to meet other incidental expenditure and 3% i-e **Rs. 4,24,884/-** as Security Deposit in form of Bank Guarantee. The Bank Guarantee Should be Valid for 8 Years after the expiry date of warranty, issued by any Nationalized/Scheduled Bank

Amount to be deposited to Following Account:

Name of Account	Haffkine Bio-Pharmaceutical Corporation Ltd. (Procurement Cell), CESS Account Mumbai.
Name of the Bank & Branch	Canara Bank, Branch-Parel
Account No.	0110201004893
IFSC Code	CNRB0000110

Consignee: As per list enclosed

Rajesh

(Dr. Rajesh Deshmukh)

Managing Director

**Haffkine Bio Pharmaceutical Corporation Ltd.
(Procurement Cell), Mumbai.**

Copy to:

- 1) Commissioner Health Services, Mumbai.
- 2) Director, Medical Education & Research, Mumbai-400 001.
- 3) Account Manager, Haffkine Bio Pharmaceutical Corporation Ltd. (Procurement Cell), Mumbai.
- 4) Office File.

Copy to Consignee: Dean, Grant Government Medical College, Mumbai. : As per Tender Condition No.17 The user Institution should get the Comprehensive Maintenance Contract done with supplier agency @ 5% of the Order value (excluding taxes) of equipment per year for Eight years after Completion of warranty period.

Copy Submitted to: 1) Secretary, Medical Education & Drug Department, Mantralaya, Mumbai.

Annexure-X

Technical Specifications "High end Echo Machine."

1. Latest generation high end & technologically advanced Digital 2 D & 3D echocardiography for adult, paediatric and neonatal cardiac, TEE/fetal echo.
Applications with Live 3D echocardiography for adults & paediatrics.
2. System should use digital beam former technology capable for incorporating future techniques. Should be upgradeable through software and hardware. Quote only one & the **advanced model**.
3. System should have open architecture and must be capable for future developments through hardware and software.
4. System should have multiple lines acquisition capable of achieving very high frame reate, at least 300-500 frames per second. System must allow frame-by-frame review.
5. System should have multi array probe technology for phased array, linear array and adult and paediatric Multiplane trans-oesophageal echocardiography (TEE) Transducers.
6. Should have great ergonomic design, with one or more touch control panel, which is comfortable and convenient to avoid muscle strain & stress injuries. A lightweight system should have at least 20 inch OLED monitor- medical grade.
7. The system shall be capable of providing following imaging and operating modes
 - a) Sector, Linear, Multiplane TEE imaging
 - b) 2D, M-mode, color M-Mode, Pulse Doppler, CW Doppler, Color flow imaging, strain imaging.
 - c) Live 3D Echo on adult transthoracic echo (TTE) and adult tranesophageal echo
Live 3D TTE paediatric, 2D/3D paediatric TEE echo, fetal echo.
 - The system shall be capable of applying adaptive image-processing technology to 3D volumes and Multiplanar displays
 - The system shall support simultaneous display of volume and Multiplanar (MPR) views.
 - The system should provide 3D color flow rendering with the ability to crop, rotate, suppress colour, suppress the B&W image, suppress the baseline and change gains.
 - The system shall support full screen display of all 3 D views including Individual X,Y,& Z MPR views and simultaneous display of thumbnail Views on the same system display monitor
 - Volume rotation in all planes must be supported.
 - 3D probe should support all the modes like 2D,M-Mode,CW,PW, CFM
 - Light source with advanced depth rendering
 - d) Color flow Doppler imaging.
 - e) Fully steer-able pulsed Doppler
 - f) Fully steer-able continuous wave Doppler.
 - g) System should have tissue Doppler with high frame rate and 2D strain imaging.
 - h) Digital cine replay of all imaging and Doppler modalities.
 - i) On-screen cine storage and image recall.
 - j) Digital image storage and patient archive with true scanner frame rates.
 - k) Full measurement and analysis capabilities.
 - l) Review of stored ultrasound images and loops.
 - m) User adjustable B colorization maps, gain setting, color Doppler baseline angle correction and other important parameters with live/frozen/archived images/loops.

- b) System should have storage facility of images, loops in the hard disk drive of 500 GB or more.. System should be able to transfer images and clips to CD & DVD media.
- c) System should have Inbuilt Image Management facility with facility for direct storage of Images and loops in the Hard Disk Drive.
- d) Digital cine replay allowing to store and replay images including 2D, color Doppler including Doppler including Doppler Audio.
- f) An offline workstation with similar capabilities of on-board, analysis and quantification of 2D and 3D data's sets should be offered.

18 ZOOM

Should have a hi-fi pan zoom capability with live/frozen/stored images. Should have capability of zooming the archived cine loops.

- 19) should be DICOM 3 compliant.
- 20) Should be DICOM 3 compliant.
- 21) Should have direct CD writing facility.
- 22) Should have on board workstation for storage and review of all Examinations, 2D, 3D Images, loops. Etc.
- 23) Should be provided with a VGA cable and monitor for direct live Transmission for seminars, conferences and teaching.

TECHNICAL SUPPORT

- 1) It should follow international standard and safety requirement.
- 2) User's list with the address and contact Nos. to be provided.
- 3) All standard accessories.
- 4) Application Training to Dept. of cardiology Doctors and paramedics if any.
- 5) Operating and details services manual should be supplied.
- 6) Power supply: 230V \pm 15%,50Hz \pm 3%
- 7) Tropicalization: a. Operating room temp : upto 40° C
b. Storage room temp : upto 60° C


Warranty "Full Machine including all probes"

Consumables to be supplied along with the machine

- 1. 1 additional ECG cable
- 2. 5000 CDs + 500 DVDs
- 3. 100 rolls for B/W Thermal Sony Printer
- 4. A4 size 5000 sheets for colour printer (ordinary+photo paper)
- 5. 1000 Jelly Bottles

Consignee Details

M/s. Philips India Limited		
High end Echo Machine Model : Epiq CVX		
Delivery Period	12 weeks	
PO Reference No.	No.: -3850 /Haffkine/Procurement Cell/E-2230/High end Echo Machine/2019-20 Date: -12/08/2020	
Sr. No.	Name & Address of the Consignee	Qty.
1)	Grant Government Medical College, Mumbai.	01
Total:		01


(Dr. Rajesh Deshmukh)
Managing Director
Haffkine Bio Pharmaceutical Corporation Ltd.
(Procurement Cell), Mumbai.